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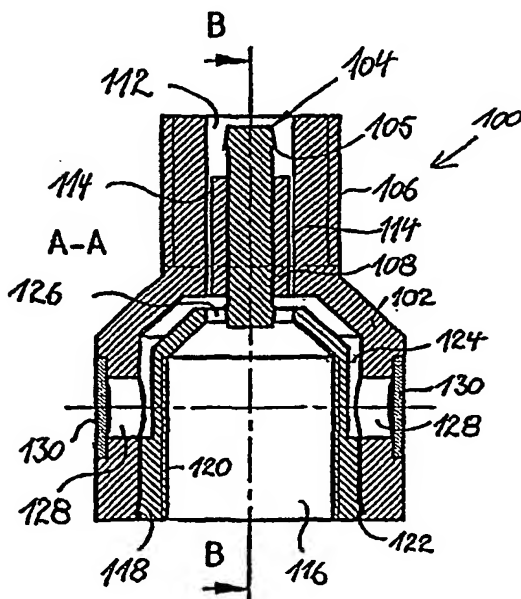
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(54) Title: A PRESSURE RELIEF DEVICE FOR AIR INFLATABLE TIRE



(57) Abstract: A pressure relief device (100; 200; 300; 400; 400) for an inflatable tire comprises a body (102; 202; 302; 402; 502) having a chamber (124; 228; 324; 424; 524) with an inflation valve arranged in the body. An overpressure valve in the body releases air when the air pressure in the chamber exceeds a predetermined threshold pressure level. The overpressure valve includes at least one air conduit (128; 228; 328; 428; 528) extending from the chamber through the body in order to provide a passage to a surrounding atmosphere. A ring-shaped resilient member (130; 230; 330; 420; 530) is contractively fitted around an outer surface portion of the body, so as to keep the air conduit in a normally closed state. The properties and dimension of the resilient member are such that it is stretched when the air pressure in the chamber exceeds the predetermined pressure level, so as to provide an air passage from the conduit to the surrounding atmosphere. A plurality of pressure relief devices may be included in a kit, wherein the devices define different predetermined pressure levels.